

479284 TO 479286-continued

for 20 days. Minimum temperature -29C. Plant deciduous, woody climber, ascending to the tops of the tallest trees, 6-9m. Bark gray, peeling, becoming very shaggy on older stems. Leaves lustrous dark green above, lighter beneath. Fruit oblong 2.5cm long x 1.9cm wide, green to yellowish, sweet to taste. Abundant in woodland along road. Seed from several plants. Wild. Seed.

479285. JH-121-82. Japan. US National Arboretum. 51149. Collected September 22, 1982. Akkeshi Pref. Forest, Hichirippu, Hamanaka-machi, Akkeshi-gun, Hokkaido. Lat. 43 deg. 04' N, Long. 145 deg. 05' E. Vine deciduous, scrambling, woody, 6-9m. Bark peeling in thin sheets. Leaves lustrous green above, lighter beneath, with reddish petioles. Scrambling over bushes and trees in woodland. Seed collected from one plant. Wild. Seed.

479286. JH-220-82. Japan. US National Arboretum. 51225. Collected September 29, 1982. Arboretum, Tokyo Univ. Furano Forest, Yamabe, Furano-shi, Hokkaido. Lat. 43 deg. 14' N, Long. 142 deg. 24' E. Snow cover 2.5m per annum. Minimum temperature -30C. Vine deciduous, large woody climber of massive proportion, 6m tall. Bark peeling in long stripes. Leaves lustrous above with reddish petioles. Fruit greenish, becoming rather soft and sweet to taste. Growing in woodland adjacent to Arboretum. Seed collected from one plant. Wild. Seed.

479287 TO 479289. *Actinidia kolomikta* (Rupr. & Maxim.) Maxim.
(Actinidiaceae).

From Japan. Collected by Kawase, M.; Nielsen, D.; Meyer, F.; March, S.; Ohio Agricultural Research & Development Center; US National Arboretum; Wooster, Ohio; Washington, D.C.
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479287. JH-65-82. Japan. US National Arboretum. 51084. Collected September 17, 1982. Abashiri National Forest, Urbar, Abashiri-shi, Hokkaido. 230m. Snow cover 50cm or deeper for 20 days. Minimum temperature -29C. Vine woody climber over low bushes and trees, 4.6-6m tall. Leaves light green above. Fruit greenish, becoming soft, sweet to taste. Growing in mixed forest with *A. arguta*. Seed from several vines. Wild. Seed.

479288. JH-115-82. Japan. US National Arboretum. 51139. Collected September 22, 1982. Akkeshi Pref. Forest, Hichirippu, Hamanaka-machi, Akkeshi-gun, Hokkaido. 70m. Lat. 43 deg. 04' N, Long. 145 deg. 05' E. Snow cover 40cm, deepest 1.3m. Minimum temperature -20C. Twiner deciduous, woody, 3-4.5m. Leaves dark green above,